Idaho Department of Environmental Quality

Air Quality Monitoring Locations

Getting Started with ArcIMS Air Quality Monitoring & Point Source Emissions

Last Updated January 7, 2005

Introduction

This interactive web mapping application provides access to DEQ's Air Quality Monitoring Site locations and Point Source Emission Facility locations. The Air Quality site is a collection of WEB enabled GIS tools and GIS layers that allows users to view and select monitoring locations throughout the State of Idaho and view real time air quality data.

This Site is currently supported with **Internet Explorer 5.5** and higher (**Netscape** and other browsers are not supported at this time. It is best viewed on screens with resolutions of **1024 x 768** or higher.

If the Application Becomes Unresponsive, Click Ctrl & F5 to Reset

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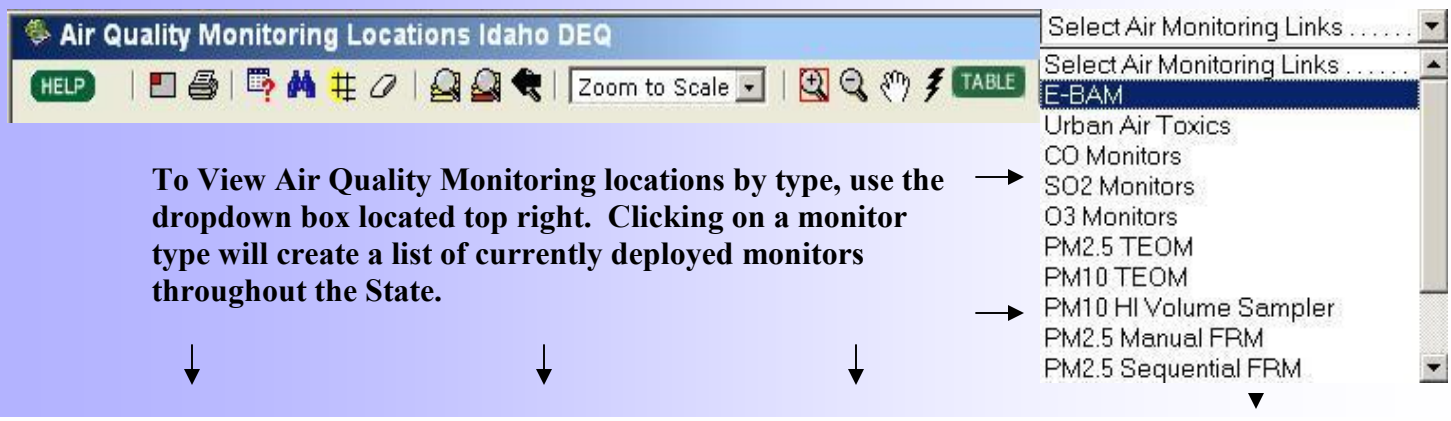
Navigating ArcIMS **Top Frame** **Monitor Selector**



To View Air Quality Monitoring locations by type, use the dropdown box located top right. Clicking on a monitor type will create a list of currently deployed monitors throughout the State.

Click on a **SITE** to Highlight, or **MONITOR TYPE** for more info, or **EMISSIONS** for Real Time Data.

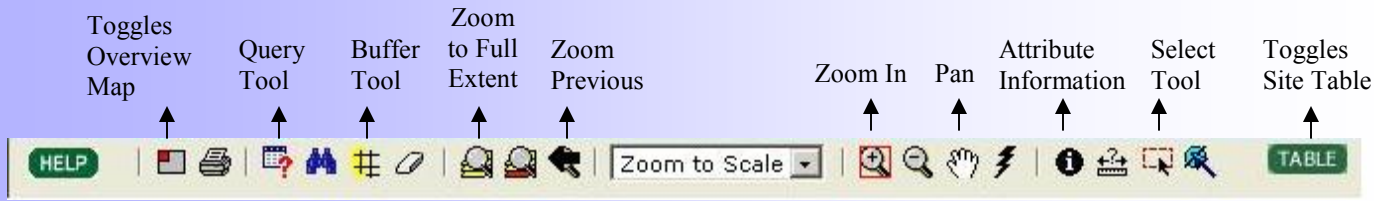
SITE LOCATION	MONITOR TYPE	CITY	REGION	EMISSIONS
Monsanto	SO2 Monitor	Soda Springs	SC and Eastern Idaho	Real Time Air Quality Data
Sewage Treatment Plant	SO2 Monitor	Pocatello	SC and Eastern Idaho	Real Time Air Quality Data

Click on a Site Location to Zoom into the Location

Click on the Monitor Type for More Information

Click on the Real Time hyperlink for Real Time Data.

The ArcIMS Tool Bar



Shows Help

Toggles Overview Map

Print Map

Query Tool

Find Tool

Buffer Tool

Unselect Tool

Zoom to Full Extent

Zoom to Active Theme

Zoom Previous

Zoom to predefined Scale

Zoom In

Zoom Out

Pan

Hyper -links

Attribute Information

Measure Tool

Select Tool

Select with Line or polygon tool

Toggles Site Table

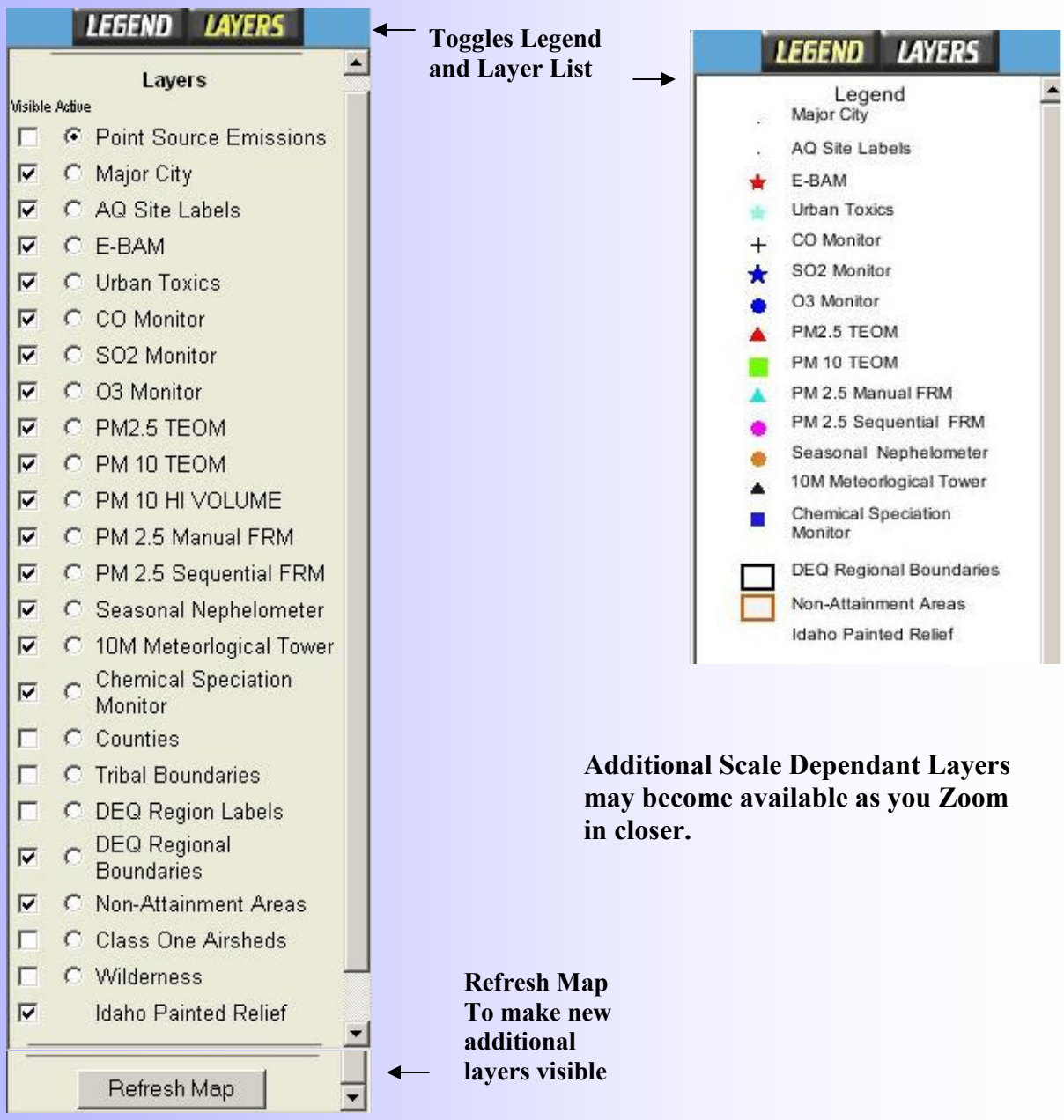
[Click here for Additional Tool Bar Help]

[Click here for Additional Tool Bar Help](#)

tool

Tool Bar Operations are Performed on the Current Active Visible Layer

The Legend and Layer List



Additional Scale Dependant Layers may become available as you Zoom in closer.

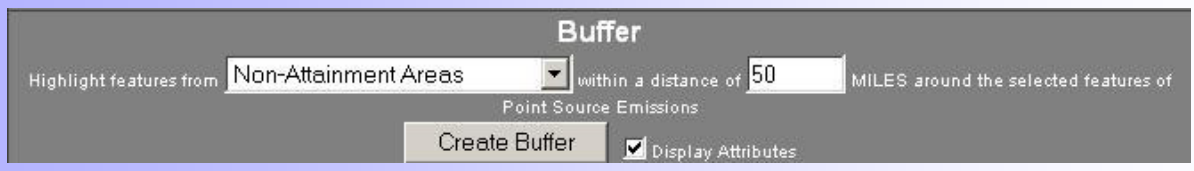
Using the Buffer Distance Site Selection Attributes Tools

In this example we will determine if there is a **Class One Airshed** located within **50 Miles** of a selected, **Point Source Emission Facility**

Step 1 — Click the **Layers** Button to Activate the Layers List
Step 2— Click on the **Point Source Emissions** Layer, and Click the Refresh Map Button.
Step 3 — Using the Zoom In Tool, Zoom to the Center of State

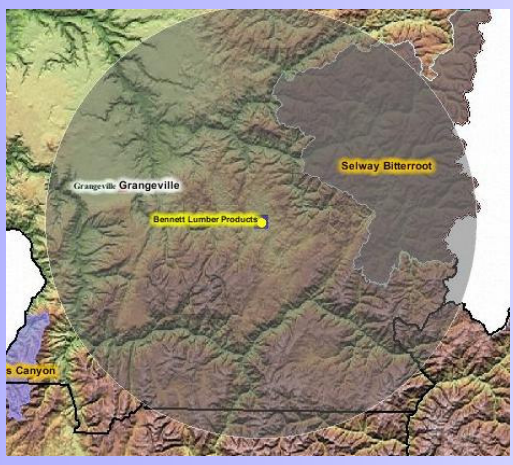
Step 4— Select the **Bennett Lumber Products** Point Source Facility using the Select tool

Step 5 —Click the **Buffer** Tool The buffer Menu will appear in the bottom Frame.



Step 6 — Choose Non-Attainment Areas form Features Pull down menu, Type in 50 for the Buffer Distance
Click on the Display Attributes Check Box. And Press **CREATE BUFFER**

50 Mile Buffer



If there are any Class One Airsheds located within 50 Miles of the Select Emission Facility, they will be selected (In Red) and the Attributes will be listed in the Bottom Frame

Class One Airsheds

Rec	AREA	PERIMETER	MVBCL1_	MVBCL1_ID	CLASS1_A	CLASS1
1	4440250000	489886	5	41	Selway Bitterroot	Selway Bitterroot

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